

Regulatory Framework Matrix

For each combination of *source of requirement (x axis) + impact of the requirement (y axis)* in the m:

- 1 Biosafety (risks from microorganisms - accidental)
 - 2 Biosecurity (risks from microorganisms - intentional)
 - 3 Risks from GMOs (aka “environmental biosafety”)
 - 4 Risks from alien/invasive species (aka “agricultural biosecurity”)
 - 5 Risks from drugs
-

<div>Source of Requirement</div> <div>Impact of Requirement</div>	<div>Int'l Legal Frameworks</div> <ul style="list-style-type: none"> · Membership of treaties/los · BTWC, CWC, UN Conventions, WTO (Membership & CBMs/similia), etc · UNSRC1540 returns <div>IHR Implementation</div>
<div>Lab Infrastructure or Equipment Design and Operation</div> <ul style="list-style-type: none"> · Equipment specifications 	
<div>Organization</div> <ul style="list-style-type: none"> · Mission & Responsibilities · Hospital Infection Control <ul style="list-style-type: none"> · Ethics, RCR · Accreditation/Licensing · Intellectual Property Rights animal welfare 	International Health Regulations (2005)

Industrial Processing and Production Process safety Good manufacturing practices	
	BTWC - acceded 19 Jan 1982
	Geneva Protocol

Criminalization of misuse

- To cause harm
- Doping
- Illegal drugs

International Convention for the Suppression of Terrorist Bombing (1997)
International Health Regulations (2005)
Biological and Toxin Weapons Convention (1982)

Infectious Biological Agents and Toxins <ul style="list-style-type: none">· Possession, acquisition, handling, disposal· Transfer, transport, import/export	
Genetically Modified Microorganisms (GMMs) import/export transport	Cartagena Protocol

storage and handling disposal	
Environment/Community <ul style="list-style-type: none">· Food safety· Water and air safety· Medical Waste	

Environment/Community

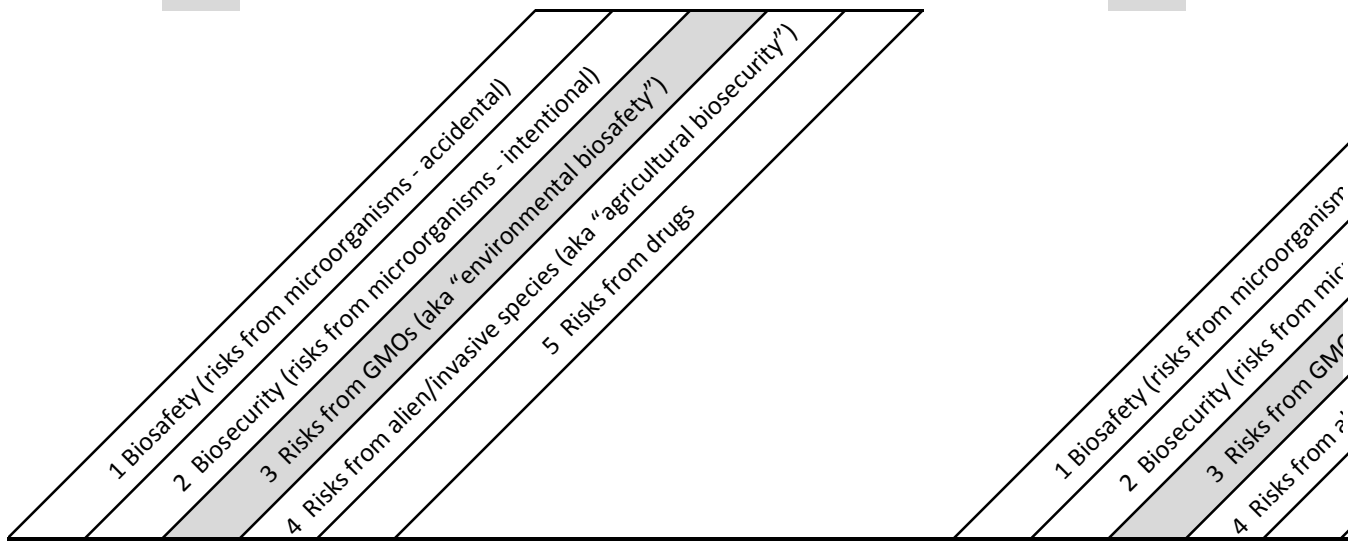
- Food safety
- Water and air safety
- Medical Waste

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- **Trade**
- Import/Export permits

- Import/Export permits

matrix below, consider these 5 types of risks from biological materials where oversight relevant for BR



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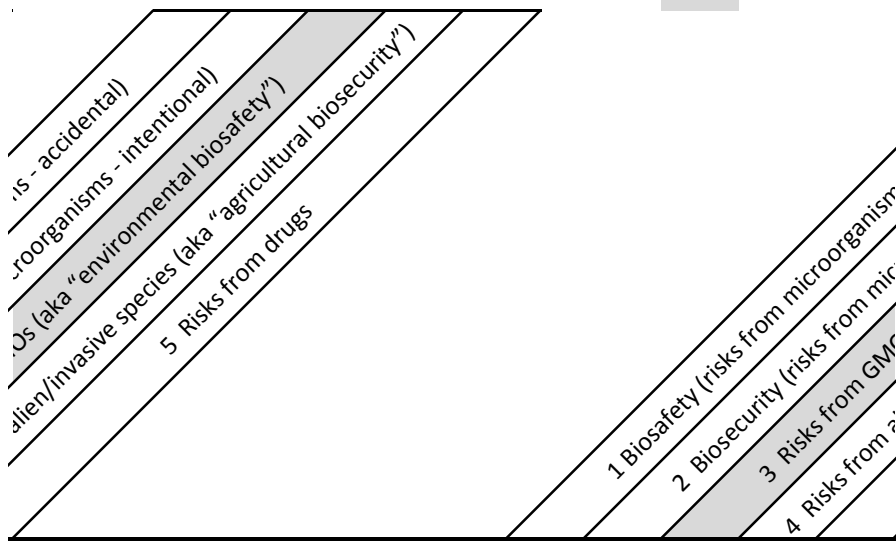
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IM in the country could exist:



Nat'l Laws · Acts	1	2	3	4	5
Law No. 93 of 1976 on	X				
Law No. 5 on the standards and specifications	X				
Law. No. 106 on Health (peaceful uses of biological	X	X			
Law of 1965 for prevention of animal epidemic and infectious diseases	X			X	
Law No. 17 on Medical Liability	X	X			
Law No. 5 on the standards and specifications	X				

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Law No. 93 of 1976 on industrial and public safety	X				
Great Green Document on Human Rights in the Age of the Masses (June 1988)		X			
Law. No. 106 on Health (peaceful uses of biological processes in the medical field)	X	X			

Export Act No. 38 of 1968	X	X		X	
Import Act No. 64 of 1971	X	X		X	
Law No. 4 of 1973 on provisions for the transfer of hazardous materials on public roads	X	X	X		

Law. No. 106 on Health (peaceful uses of biological processes in the medical field)	X	X			
Law of 1965 for prevention of animal epidemic and infectious diseases	X			X	
Customs Act No. 67 of 1972 as amended by Act No. 10 of 1981	X		X	X	
Law No. 27 on Protection of Plants	X			X	
Law No. 4 of 1973 on provisions for the transfer	X	X	X		
Customs Act No. 67 of 1972 as amended by Act No. 10 of 1981	X		X	X	
National Strategy for the Conseravation of Biodiversity			X	X	

Law No. 2 on the use of ionizing radiation and the prevention of	X				
Law No.3 - Regulation of exploitation of water sources	X	X			
Law No.5 on the prtotection of grasslands and forests as amended by Law No. 14 (1992)			X	X	
Law No. 17 on grazing organization					
Law No. 27 on Protection of Plants	X			X	
Law No. 14 on the exploitation of marine wealth	X	X			
Law No. 15	X	X		X	

Protocol on specially protected areas and biodiversity in the Mediterranean			X	X	
Law No.15 on the protection of agricultural land and its amendments			X	X	
National Strategy for the Conseravation of Biodiversity			X	X	
Law. No. 15 on Protection of the Environment			X	X	
Export Act No. 38 of 1968	X	X		X	

Import Act No. 64 of 1971	X	X		X	
Law of 1965 for prevention of animal epidemic and infectious diseases	X			X	
Customs Act No. 67 of 1972 as amended by Act No. 10 of 1981	X		X	X	

Microorganisms - accidental)
Microorganisms - intentional)
Microorganisms (aka "environmental biosafety")
Microorganisms (aka "agricultural biosecurity")
5 Risks from drugs

1 Biosafety (risks from microorganism)
2 Biosecurity (risks from microorganism)
3 Risks from GM
4 Risks from a

Nat'l Governmental Regulations (enforceable requirements) · Usually used to implement Acts					
	1	2	3	4	5
Permanent National Committee on Bioethics and Biosafety					
Decision No.11 - reorganization of health-care services	X				
Decision No. 24 - adoption of national strategy for primary health care.	X				
Decision No. 654 - The issuance of the health guidelines	X				
Strategy of scientific research and technological development	X	X	X		
Integrated Management of Medical Wastes (DRAFT)	X				
Management of hazardous materials	X	X			

Proposal of legislation for early warning system for disease outbreaks (DRAFT)	X	X			
Review of the health law No. 106 (1973) and propose amendments according to national and international legislations (DRAFT)	X	X			
Propose legal text for doctors working in Libya (DRAFT)	X	X			
Establish legal text for pharmacists serving the Great Jamahiriya (DRAFT)	X	X			
Decision No.11 - reorganization of health care services	X				
Decision No. 24 - adoption of national strategy for primary health care.	X				
Regulations of Law No. 2 (1971) on mines and quarries	X				
Decision No. 654 - The issuance of the health guidelines	X				
Regulations of Law No. 2 (1982) on the organization of the use of ionizing radiation and the prevention of its risks	X				
Compilation of national legislation dealing with pathogenic microorganisms, poisons, biological waste and propose uniform legislative text	X	X			
Integrated Management of Medical Wastes (DRAFT)	X				
Management of hazardous materials	X	X			

The National List of Safety and Occupational Health	X				
Develop Legislative text for those involved in medical and food laboratories (DRAFT)	X	X			
Strategy of scientific research and technological development	X	X	X		
Guide to the standard specification of the Jamahiriya in 2007, which include all laws on specifications and standards related to food products and public health	X		X		X
Management of hazardous materials	X	X			
The National List of Safety and Occupational Health	X				
Permanent National Committee on Bioethics and Biosafety					
Decision No. 350 - Drug Rules					X

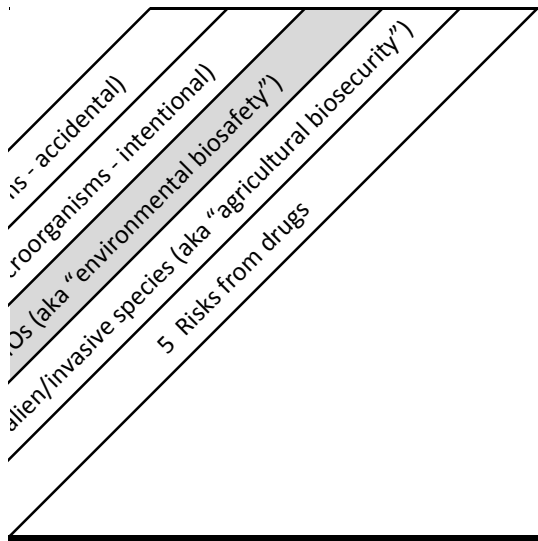
Guide to the standard specification of the Jamahiriya in 2007, which include all laws on specifications and standards related to food products and public health	X		X		X
Compilation of national legislation dealing with pathogenic microorganisms, poisons, biological waste and propose uniform legislative text	X	X			
Management of hazardous materials	X	X			
Proposal of legislation on how to deal with pathogenic microorganisms and preparation of a list of diseases with respect to humans, animals, and plants (DRAFT)	X	X			
Proposal of a draft law that prevents herbal dealers without doctor consultation	X				
Permanent National Committee on Bioethics and Biosafety					
Strategic research in agriculture			X		
Guide to the standard specification of the Jamahiriya in 2007, which include all laws on specifications and standards related to food products and public health	X		X		X

National Biosafety Framework (NBF) of the Libyan Arab Jamahiriya	X		X	X	
Compilation of national legislation dealing with pathogenic microorganisms, poisons, biological waste and propose uniform legislative text	X	X			
Management of hazardous materials	X	X			
Proposal of legislation for early warning system for disease outbreaks (DRAFT)	X	X			
Proposal of legislation on how to deal with pathogenic microorganisms and preparation of a list of diseases with respect to humans, animals, and plants (DRAFT)	X	X			
Permanent National Committee on Bioethics and Biosafety					
Strategic research in agriculture			X		
National Biodiversity Strategy			X	X	
National Biosafety Framework (NBF) of the Libyan Arab Jamahiriya	X		X	X	
Management of hazardous materials	X	X			

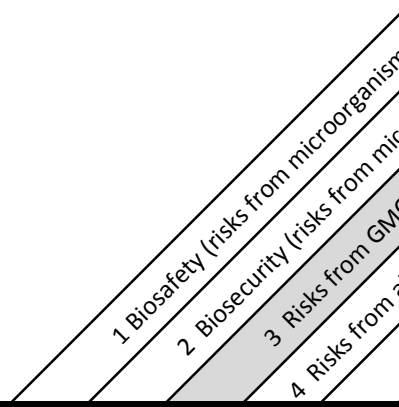
Proposal for regulations of the Law No. 15 (2005) on the protection and improvement of the environment (national law on biosafety)			X	X	
Proposal of a law which limits trade of genetically modified food and its products with the Jamahiriya (DRAFT)			X		
Permanent National Committee on Bioethics and Biosafety					
Regulations No. 15 (1371) on the protection and improvement of the environment				X	
Decision No. 386 - Issued under the guidelines of Law No. 7 (1982) for the environment protection				X	
Decision No. 7 - The implementing guidelines of Law No. 14 (1989) on marine wealth exploitation				X	
Regulations of Law No. 2 (1982) on the organization of the use of ionizing radiation and the prevention of its risks	X				
Decision No. 3 - The necessary precautions that should be taken for the protection of grasslands pastures and forest from burning			X	X	
Decision No. 853 - the classification of sanitation	X				

National Programme for the environmental sanitation			X	X	
National Biodiversity Strategy			X	X	
National Biosafety Framework (NBF) of the Libyan Arab Jamahiriya	X		X	X	
Guidelines for agricultural pesticides management	X		X	X	
Integrated Management of Medical Wastes (DRAFT)	X				
Management of hazardous materials	X	X			
Proposal for regulations of the Law No. 15 (2005) on the protection and improvement of the environment (national law on biosafety)			X	X	
Proposal of legislation for early warning system for disease outbreaks (DRAFT)	X	X			
Review of the health law No. 106 (1973) and propose amendments according to national and international legislations (DRAFT)	X	X			
Proposal of a law which limits trade of genetically modified food and its products with the Jamahiriya (DRAFT)			X		
Decision No. 350 - Drug Rules					X

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Black Te
Red Te



Nat'l Non-Governmental Guidelines (recommendations)

- Professional/Industrial Associations
- Have regulatory authority? Enforced on members (face exclusion, not allowed to work)? Voluntary or mandatory?
- Codes of conduct/practice

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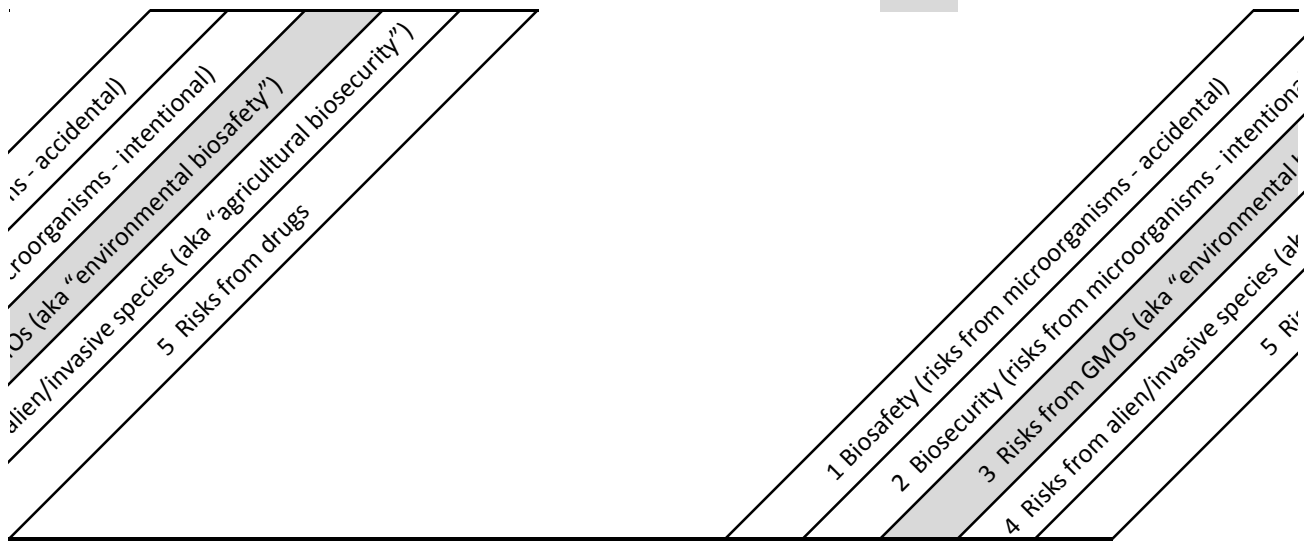


U.S. DEPARTMENT OF
ENERGY

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Probable or Confirmed Assignment

Unsure/tentative assignment



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[illegible]

[illegible]

biological research review committees at Garyounis, Alfateh and Sabha Universities					

biological research review committees at Garyounis, Alfateh and Sabha Universities					

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biosafety")
a "agricultural biosecurity"
isks from drugs

Register of Relevant Organizations

Name	Source	Ministry Affiliation	Notes
Academy of Post Graduate	NBF	Ministry of Higher Education and Scientific Research	Started in Humanities sciences, but has recently introduced some courses in the Applied Sciences including biotechnology. Even though they lack laboratory facilities.
Agricultural and Animal Research Centre	NBF	Established as a public foundation which is administratively and financially independent	The Centre consists of four research projects (specialized research centers plus 17 research stations): Research project (centre) for rain-fed agriculture, Research project (centre) for sustainable agriculture, Research project (centre) for high land agriculture, and Research project (centre) for desert area.
Agricultural police	NBF	Ministry of Agriculture, Animal, and Marine Wealth	
Agricultural quarantine	NBF	Ministry of Agriculture, Animal, and Marine Wealth	These agencies belong to various state departments, and this may lead to a lack of coordination or confusion particularly in the absence of a reference point for coordination, supervision and follow-up. In addition, the poor scientific level of personnel increases the severity of the problem.
Animal health	NBF	Ministry of Agriculture, Animal, and Marine Wealth	
Barcelona Convention for the Protection of the Mediterranean Sea from pollution	NBF		Seven protocols followed this convention, including the Protocol on specially protected areas and biodiversity in the Mediterranean
Biological and Toxin Weapons Convention (BTWC)	UNSCR 1540 matrix	Ministry of Foreign Affairs and International Cooperation	It was the first multilateral disarmament treaty banning an entire category of weapons, as States Parties to the Biological Weapons Convention undertook "never in any circumstances to develop, produce, stockpile or otherwise acquire or retain: 1. microbial or other biological agents, or toxins whatever their origin or method of production, of types and in quantities that have no justification for prophylactic, protective or other peaceful purposes; 2. weapons, equipment or means of delivery designed to use such agents or toxins for hostile purposes or in armed conflict."
Biotechnology Research Center	NBF	Established according to the decision of the People's National Committee No. 48 (2000) Ministry of Education	The aim of achieving the renaissance of scientific and technical capacity in different modern biotechnology applications in agriculture, industry, medicine and the environment by adopting following technologies: development and analysis in cell science and molecular biology, the use of modern analytical methods and advanced tissue culture for human and plants, as well as programme development, contribution to preparation of laws and regulations related to cell science and molecular biology research.
Center for Development and Improvement of Palm and Olive Trees	NBF	Ministry of Agriculture, Animal, and Marine Wealth	Ongoing research activities at the center covers all aspects of palm and olive trees, and development of operational methods to facilitate national capacity building in the development and cultivation of palm and olive trees using modern biotechnology tools.
Center for Marine Research	NBF	Established by National People's Committee; Ministry of Agriculture, Animal, and Marine Wealth	The Centre's work concentrated on the development and exploitation of marine wealth and investment using the technologies available in the area, particularly with regard to fish farms and aquaculture.
Convention for the Supervision of the International Trade in Arms and Ammunition and in Implements of War	UNSCR 1540 matrix	Ministry of Foreign Affairs and International Cooperation	Geneva Protocol was established at this convention
Convention on Biological Diversity	NBF	Ministry of Foreign Affairs and International Cooperation	The Cartagena Protocol was established by this convention. The Environment General Authority (EGA) is the national focal point for the Convention, and is responsible for the implementation of Libyan obligations to the convention.
Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)	NBF	In collaboration with the Global Fund to the Humane Society and the Customs Department; Ministry of Agriculture, Animal, and Marine Wealth	It is an international convention on wildlife and trade with binding provisions for achieving the goals of preserving the species and sustainable use of natural resources. It was signed on 1/7/1973 and ratified by the Libya in December 2002.
Convention on the Conservation of Migratory Species of Wild Animals (CMS)	NBF	Ministry of Agriculture, Animal, and Marine Wealth	Libya is part of the so-called mass-scale coastal and desert regions, which is interested in the protection of the Convention 10,000 species of wild animals. Libya signed this Convention, which concerns the protection of migratory animals in the city of Bonn, and became a party on 24/06/2002. National focal point is the Environment General Authority.
Customs Administration	UNSCR 1540 matrix	Ministry of Finance	Customs Department civilian body regular belonging to the Ministry of Finance holds the implementation and monitoring of policies and decisions on the operations of import and export, customs and security control in all land, air and sea ports.
Environmental General Authority (EGA)	NBF	Established under the General People's Committee for Health and Environment	This is the groups that collaborates with Libyan institutions to join and ratify many international conventions in different areas, in order to meet their obligations and commitments. It is a scientific, regulatory and advisory body concerned with environmental affairs with respect to conservation of biological resources, environmental pollution, and sustainable development and integrated planning of the community.
General Department of Border Controls and Checkpoints	UNSCR 1540 matrix	Ministry of Defense; Ministry of Internal Affairs	Checkpoints for the inspection of food and medicines at all entry/exit points
General People's Committee	NBF	N/A	The executive branch of government during the era of Libyan Arab Jamahiriya

Legal Register of Applicable Laws/Frameworks

Name	Domestic or International	Year	Source	Type	Status	Notes
Regulations No. 15 (1371) on the protection and improvement of the environment	Domestic	1371	NBF	Approved Regulation		
Decision No.11	Domestic	1372	NBF	Enforced Decision		The reorganization of health-care services
Decision No. 24	Domestic	1424	NBF	Enforced Decision		Adoption of national strategy for primary health care
Decision No. 386	Domestic	1428	NBF	Enforced Decision		Issued under the guidelines of Law No. 7 (1982) for the environment protection
Law No. 9 on the production, reproduction, and circulation of seeds	Domestic	1428	NBF	Enforced Law		Related to seeds production and circulation, according to the regulations and conditions set by the executive guidelines on control and inspection field and laboratories without prejudice to the provisions of the plant protection law.
Geneva Protocol	International	1925	UNSCR 1540 Matrix	Int'l Legal Framework	Current	Wasn't deposited in Libya until late 1971
Export Act No. 38 of 1968	Domestic	1968	UNSCR 1540 Matrix	Enforced Law	Current	
Decision No. 7	Domestic	1970	NBF	Enforced Decision		The implementing guidelines of Law No. 14 (1989) on marine wealth exploitation
Import Act No. 64 of 1971	Domestic	1971	UNSCR 1540 Matrix	Enforced Law	Current	
Regulations of Law No. 2 (1973) on mines and quarries	Domestic	1971	NBF	Approved Regulation		
Decision No. 654	Domestic	1973	NBF	Enforced Decision		The issuance of the health guidelines
Law No. 4 of 1973 on provisions for the transfer of hazardous materials on public roads	Domestic	1973	NBF	Enforced Law		The law contains 15 articles related to hazardous materials and the penalties prescribed in relation to such transfers.
Law. No. 106 on Health (peaceful uses of biological processes in the medical field)	Domestic	1973	UNSCR 1540 Matrix	Enforced Law	Current	Covering public health, preventive medicine, pharmaceuticals materials and medical professions
Law of 1965 for prevention of animal epidemic and infectious diseases	Domestic	1975	NBF	Enforced Law		Prevention of animal epidemic and infectious diseases
Law No. 93 of 1976 on industrial and public safety	Domestic	1976	NBF, occupational health	Enforced Law		Industrial and public safety in laboratories, mines and quarries, industrial, communications, and transportation etc.
Customs Act No. 67 of 1972 as amended by Act No. 10 of 1981	Domestic	1981	UNSCR 1540 Matrix	Enforced Law	Current	Export control legislation in place Control of importation
Law No. 2 on the use of ionizing radiation and the prevention of its dangers	Domestic	1982	NBF	Enforced Law		The law contains 29 articles related to the concept of ionizing radiation emitted from radioactive material and radiation released from nuclear reactors or any other source of radiation determined by the guidelines.
Law No.3	Domestic	1982	NBF	Enforced Law		Regulation of exploitation of water sources

International Convention for the Suppression of Terrorist Bombings		Ministry of Justice	This convention is a 1997 United Nations treaty that was designed to criminalize terrorist bombings in public places with the intention to kill, injure, or cause extensive destruction.
Libya Oil Institute	NBF	Established by National People's Committee No. 130 in 2006 Ministry of Oil	Replaced the Oil Research Center in the conduct of research and scientific studies, and the preparation and implementation of education and training programmes in the oil industry
Ministry of Economy and Trade	import/export licensing role	N/A	
Municipal guard	NBF	Ministry of Defense	Libya's Municipal Guards are responsible for investigating food safety in shops and bakeries and also visiting pharmacies, where best-before dates on hundreds of medications are checked.
National Authority for Scientific Research (NASR)	NBF	NASR consists of a Supreme Committee headed by the Secretary of the People's Committee for Higher Education with membership of Secretaries of Health and the Environment, Industry, Planning, Agriculture and Livestock.	<ul style="list-style-type: none"> * Implementation of the strategy for scientific research and establishment of policies and priorities for scientific research and development with the necessary programmes of work. * Develop and implement plans for development of technical and scientific capacities. * Incentives of scientists, researchers and specialized experts so as benefit from their expertise in the scientific research. * Supporting institutions and scientific research centers. * Establishment of basic infrastructure for scientific research and technical development. * Establishment of research centers according to community demand and the development of existing ones. * Supervision of the organization of the intellectual property and patent certification.
National Centre for Combating Communicable and Endemic Diseases	UNSCR 1540 matrix	Ministry of Health	Enforces the legislation necessary to control border crossings, export/import and other transfers of biological weapons and related materials.
National Centre for Medical Research	NBF	Ministry of Health	The center has many activities including research on pathogenic bacteria resistance and medicinal drugs, vaccines and serum production in the country.
National Centre for Seed Multiplication	NBF	Established according to the National People's Committee No. 106 (428), Ministry of Agriculture, Animal, and Marine Wealth	They mainly carry out activities in the seeds production (cereal crops and vegetables), and most of them were imported and developed using traditional breeding, or through the development of their own modern varieties using breeding traditional methods.
Other Universities (including University of October 7, University of April 7, University of Challenge, and Garyounis University)	NBF	Ministry of Higher Education and Scientific Research	Due to the lack of training, staff and biotechnology laboratories, these universities have little or no activity in biotechnology research.
Permanent National (Standing) Committee on Bioethics and Biosafety	UNSCR 1540 Matrix	Established in accordance with decision of the General People's Committee No. 874 of 2003, affiliated to the National Authority for Scientific Research	<ul style="list-style-type: none"> * Rating, follow-up and documentation of scientific research and equipment used in Biotechnology research and direct it into peaceful areas. * Follow-up research in the area of bioethics of cloning and proposal of laws and principles to regulate it. * Defend the point of view of the Great Jamahiriya with respect to the ethics of the scientific research on cloning in the local and international scientific forums. * Spreading of awareness in the area of research ethics in the scientific side of cloning, and the preparation and documentation programmes on research ethics. * Follow-up of the international conventions and treaties and the results of their implementation.
Public Company for Pharmaceuticals and Medical Supplies	NBF	Ministry of Health	<p>The Company was established for the purpose of medicines production in addition to supplies of different forms of pharmaceutical and medical supplies as well as different kinds of products which may cover commodities needed for public health in the Jamahiriya market and also for export of large quantities.</p> <p>The company has restrictions for dealing with dangerous microorganisms and very seriously focused on what was in the Libyan legislation especially with respect to health care and medical insurance, according to the laws and resolutions in force.</p>
Public security	NBF	Ministry of Internal Affairs	
Ramsar Convention on Wetlands	NBF	Ministry of Agriculture, Animal, and Marine Wealth	Ramsar Convention on the protection of wetlands of international importance especially the Waterfowl is the international convention 2/2/1971 adopted in the Iranian city of Ramsar. The expanded scope of the Convention includes all environmental regulations on Wetlands, the Convention entered into force in 1975. The Great Jamahiriya to the Convention on 16/6/2000 to become party to the Convention.

Law No.5 on the protection of grasslands and forests as amended by Law No. 14 (1992)	Domestic	1982	NBF	Enforced Law		Related to all phrases that explain the meaning of forests, pastures whether it is general or protected
Regulations of Law No. 2 (1982) on the organization of the use of ionizing radiation and the prevention of its risks	Domestic	1982	NBF	Approved Regulation		
Decision No. 3	Domestic	1984	NBF	Enforced Decision		The necessary precautions that should be taken for the protection of grasslands pastures and forest from burning
Decision No. 912	Domestic	1984	NBF	Enforced Decision		The creation of art center for the environment protection
Law No. 13 on rules related to domestic services	Domestic	1984	NBF	Enforced Law		Explains the responsibility and the role of every one living in the Jamahiriya
Law No. 17 on grazing organization	Domestic	1985	NBF	Enforced Law		Concerning some grazing definition and how to benefit from the grazing rights and penalties mentioned on the articles 2-4 and 7.
Law No. 17 on Medical Liability	Domestic	1986	NBF	Enforced Law		Medical Liability (for those belonging to the medical field and is related to the profession and medical insurance)
Law No. 27 on Protection of Plants	Domestic	1986	NBF	Enforced Law		Plant Protection and Implementing guidelines (related to plant protection, chemical pesticides, and national and international agricultural quarantine)
Great Green Document on Human Rights	Domestic	1988	UNSCR 1540 Matrix	Enforced Law	Current	
Decision No. 176	Domestic	1989	NBF	Enforced Decision		The list of chemical pesticides
Law No. 14 on the exploitation of marine wealth	Domestic	1989	NBF	Enforced Law		The exploitation of marine wealth, its exploration, conservation and management of living organisms, as well as procedures for granting permissions and licensing requirements for foreign vessels and fishing rules.
Law No. 15	Domestic	1989	NBF	Enforced Law		Animals and Trees protection
Protocol on specially protected areas and biodiversity in the Mediterranean	International	1989	NBF	Int'l Legal Framework		The Protocol encourages Mediterranean countries to establish marine protected areas and preserve marine and coastal biodiversity. It has contributed to the setting up of a regional center for special protected areas which is responsible for monitoring and implementation of the Protocol in the Member States. The Regional Center implementing the protocol

Research Centre for Renewable Energies and Water Desalination	NBF	Ministry of Electricity	This centre focuses on safe use of nuclear technology through the establishment of solid base for the production of radioisotopes. The center also carries out environmental research and monitoring of radioactive sources and nuclear materials so as to ensure its safety use. One of the crucial activities of this Centre is safe use of nuclear technology in the areas of medicine, agriculture, industry and environment.
The National Food and Drugs (Medicine) Monitoring Centre	UNSCR 1540 matrix	Ministry of Health	Enforces the legislation necessary to control border crossings, export/import and other transfers of biological weapons and related materials.
The Public Authority for the Environment	UNSCR 1540 matrix	Ministry of Agriculture, Animal, and Marine Wealth	Enforces the legislation necessary to control border crossings, export/import and other transfers of biological weapons and related materials.
The Technical Centre for Animal Health and Safety	UNSCR 1540 matrix	Ministry of Agriculture, Animal, and Marine Wealth	Enforces the legislation necessary to control border crossings, export/import and other transfers of biological weapons and related materials.
University of Elifath	NBF	Ministry of Higher Education and Scientific Research	Teach biotechnology related courses such as microbiology, immunology, genetics and molecular biology, and aquaculture. In addition to some studies and research in the field of plant tissue culture, there has been initial research on gene transfer at Botany Department, Faculty of Sciences. There is some research on medicine and drugs from local plants at Pharmacy College.
University of Omar Mukhtar	NBF	Ministry of Higher Education and Scientific Research	The research unit of biotechnology conducts Microbiology research in fungi fingerprinting protein, as a Master's degree for postgraduate students. The study have been confirmed and adopted as a new method in fungi taxonomy. Under the programme on vegetative cover and desertification, there is collaborative study between the Centre and some scientists from biological science on Chammat production using tissue culture technique.
University of Sabha	NBF	Ministry of Higher Education and Scientific Research	Biotechnology research was in done at the Faculty of Sciences and work is focused on DNA isolation from opuncles (such as Mithochondria), in addition to research carried out using tissue culture for propagation of wild plants that are threatened with extinction.

Law No. 5 on the standards and specifications	Domestic	1990	NBF	Enforced Law	The latest versions of the center focused on specification and standard that related to food industries, building materials, textile industries, chemical and petrochemical industries, leather industries, metallurgical industry, tires and rubber products, ceramics and glass industries, furniture, electrical and electronic industries, oil industries, safety, machinery and equipment, road vehicles, environmental management and quality insurance.
Decision No. 631	Domestic	1992	NBF	Enforced Decision	The organization of natural parks
Law No. 14 on the grasslands and forests protection	Domestic	1992	NBF	Enforced Law	Related to the replacement of some articles of rule No.5 of 1982 regarding grasslands, forests protection and border determination and resource exploitation. In addition to, forest protection by obtaining prior authorization from the relevant agencies as well as strict penalties for those who contravene these provisions.
Law No.15 on the protection of agricultural land and its amendments	Domestic	1992	NBF	Enforced Law	Focused on agricultural land for investment, Prevents any building except for farm holder, and any actions of non-agricultural investment. Does not pertain to agricultural land within the cities and village schemes
Decision No. 853	Domestic	1993	NBF	Enforced Decision	The classification of sanitation
Cartagena Protocol on Biosafety	International	2000	NBF	Int'l Legal Framework	In order to provide adequate protection in the transfer, handling and use of Living Modified Organisms (LMOs) resulting from modern biotechnology that may have an adverse effect on the protection of biological diversity, taking into account risks to human health and safety for trans-boundary movement of LMOs; Lays accorded to the Cartagena Protocol on Biosafety in 2005 after ratification by the General People's Congress
Strategic research in agriculture	Domestic	2000	NBF	Strategy	
Cooperation Agreement with the Institute of Higher Education and Development in Canada and North America	International	2000	NBF	Agreement	This Agreement was signed between the Centre and the World Institute for Education and Development. It aimed at training of center staff components in the areas of genetic engineering and ensures supply of scientific journals and holding courses in English and French languages.
Cooperation Agreement with German CET and GFA Foundation	International	2000	NBF	Agreement	The Agreement was aimed at training in the detection of food and assistance in the establishment of reference laboratory control and inspection of food.
Cooperation Agreement with the United Nations Education, Scientific and Culture Organization (UNESCO)	International	2000	NBF	Agreement	This Cooperation Agreement was between the Secretary of the People's Committee for Education and Vocational Training and the Deputy Director-General of UNESCO to provide scientific and technical assistance to the Biotechnology Research Centre including assurance of the right to acquire the know how and training and assistance in the supply of scientific instruments for the purposes of scientific research. The value of the Agreement is \$ 5,400,000 valid for a period of 5 years from the date of signature.
Cooperation Agreement with the Belgium Institute of Genetic Engineering	International	2001	NBF	Agreement	This Agreement was signed with the Institute of Genetic Engineering, Belgium, and aims to provide scientific and technical assistance to the Centre including know how, training and assistance in the purchase and supply of equipments necessary to conduct scientific research in the area of genetic engineering.

Cooperation Agreement with the University of Malta	International	2001	NBF	Agreement		This Agreement was signed between the Centre and the University of Malta, with the purpose of promoting scientific cooperation in the field of joint genetic mapping of hereditary diseases in the blood and hold seminars and joint scientific workshops in areas of interest such as the status of food analysis and research in the area of genetic mapping for leishmaniasis disease.
National Strategy for the Conservation of Biodiversity	Domestic	2002	NBF	Strategy		
National Programme to Combat Desertification	Domestic	2002	NBF	Policy		
Cooperation Agreement with the Egyptian Atomic Energy Agency	International	2002	NBF	Agreement		This Agreement was signed between the Centre for Biotechnology Research and the Egyptian Atomic Energy Authority. It aimed at joint scientific research in the field of peaceful use of atomic energy and Biofertilization.
Law, No. 15 on Protection of the Environment	Domestic	2003	UNSCR 1540 Matrix	Enforced Law	Current	The following areas are covered within Law No. 15: protection of the atmosphere, protection of seas and animal wealth, protection of water resources, protection of food products, healthy environment promotion, protection of the soil and plantations, protection of terrestrial land life, biological safety, and penalties for non-compliance
Decision No. 350		2005	NBF	Enforced Decision		Drug rules
International Health Regulations (2005)	International	2005	NBF	Approved Guidelines		
African-Eurasian Migratory Water-Bird Agreement (AEWA)	International	2005	NBF	Agreement		The Treaty is specialized in the study and protection of migratory waterbirds between Europe, Africa and Asia, and provides an administrative tracking of the International Convention for the protection of migratory species of animal.
National Programme for the environmental sanitation	Domestic	2006	NBF	Policy		
Strategy of scientific research and technological development	Domestic	2006	NBF	Strategy		
Agreement of the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area (ACCOBAMS)	International	2006	NBF	Agreement		It is a regional treaty that specializes in the study and protection of species caught in areas of the Mediterranean, Black Sea and the Atlantic Ocean, an administrative body for the Convention on Migratory Species, has been involved in numerous public activities of the treaty such as training, conferences and meetings, and assisted in the preparation of the Libyan national plans for the protection of cetaceans and Programme of Action for the study and protection of cetaceans.
Guide to the standard specification of the Jamahiriya in 2007, which include all laws on specifications and standards related to food products and public health	Domestic	2007	NBF	Approved Specification		
National Biodiversity Strategy	Domestic	2008	EGA	Draft		Submitted to the National People's Congress in 2008, Proposed by the Environment General Authority
National Biosafety Framework (NBF) of the Libyan Arab Jamahiriya	Domestic	2008	NBF	Framework	Current	
Compilation of national legislation dealing with pathogenic microorganisms, poisons, biological waste and propose uniform legislative text	Domestic		LPN/CBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Cooperation Agreement with Chalmers University and the Center for Tita in Sweden	International		NBF	Agreement		The aim of this agreement is training in the use of genetic engineering for modification of plants.
Cooperation Agreement with the Alazumid University in Spain	International		NBF	Agreement		This Agreement aims to train and rehabilitate national staff and joint research in the area of bacteria Helicobacter Gastroenterology and disclosure of the extent of their presence in Libya.
Cooperation Agreement with the Bulgarian Institute (EPR)	International		NBF	Agreement		This Agreement aims to train and rehabilitate national systems in the use of magnetic resonance imaging (MRI) for detection and identification of irradiated food, environmental pollution and radiation including the establishment of joint research and provision of necessary training
Cooperation Agreement with the Foundation Sincergen	International		NBF	Agreement		The aim of this Agreement is joint research work and the genetic mapping of endemic diseases in Libya such as the blood disease thalassemia using genetic mapping techniques (STRP) via Red blood

Cooperation Agreement with the International Institute for Goat in France	International		NBF	Agreement		The cooperation is aimed at providing scientific and technical assistance to the Biotechnology Research Centre and it includes know how, training and assistance in the supply of scientific instruments, the Agreement also included the supply of a number of French I for hybridization experiments to improve local goats.
Cooperation Agreement with the Ukrainian Foundation for World Link	International		NBF	Agreement		The duration of the convention is one year renewable term and aimed at the rehabilitation and training staff of the centre in several areas such as oil analysis and detection of food contamination and upgrading of the capacity of the Center.
Environmental requirements from air emission	Domestic		EGA	Draft		Proposed by the Environment General Authority
Guidelines for agricultural pesticides management	Domestic		NBF	Approved Guidelines		
Integrated Management of Medical Wastes	Domestic		EGA	Draft		Proposed by the Environment General Authority
Management of hazardous materials	Domestic		EGA	Draft		Proposed by the Environment General Authority
Proposal for regulations and assessment of the environmental impact of activities and economic projects	Domestic		EGA	Draft		Proposed by the Environment General Authority
Proposal for regulations of the Law No. 15 (2005) on the protection and improvement of the environment (national law on biosafety)	Domestic		EGA	Draft		Proposed by the Environment General Authority
Proposal of legislation for early warning system for disease outbreaks	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Proposal of legislation on how to deal with pathogenic microorganisms and preparation of a list of diseases with respect to humans, animals, and plants	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Review of the health law No. 106 (1973) and propose amendments according to national and international legislations	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Technical guidelines for law No. 14 (1989) on the exploitation of marine wealth	Domestic		NBF	Approved Guidelines		
The National List of Safety and Occupational Health	Domestic		NBF	Approved Regulation		
Veterinary terms regarding animals and live poultry and fodder	Domestic		NBF	Approved Specification		
Proposal of legislative rule to protect medical plants from bio-piracy and securing national rights for commercial exploitation, and the need to protect it from illegal traditional medicine	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Proposal of a draft law that prevents herbal dealers without doctor consultation	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Proposal of a law which limits trade of genetically modified food and its products with the Jamahiriya	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Develop Legislative text for those involved in medical and food laboratories	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Propose legal text for doctors working in Libya	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety
Establish legal text for pharmacists serving the Great Jamahiriya	Domestic		LPNCBB	Draft		Proposed by the Permanent National Committee for Biological Ethics and Biosafety